

IN THE CLAIMS

Please amend claims 6 and 15 and add new claims 21-24 as follows:

6. (AMENDED) A circuit integration module for insertion into an avionics cabinet, said module comprising:

first and second circuit boards;

a faceplate coupled to each of said first and second circuit boards; and

a connector assembly coupled to each of said first and second circuit boards opposite said faceplate, wherein said connector assembly is configured to provide a direct electrical interface for integrating and allocating signals between said first and second circuit boards and said avionics cabinet.

15. (AMENDED) A method of inserting a circuit integration module into an avionics cabinet, the method comprising the steps of:

aligning said module to a guide on said avionics cabinet;

inserting said module into said avionics cabinet along said guides; and

securing said module in said avionics cabinet in order to provide a direct electrical interface between said module and said avionics cabinet.

21. (NEW) An avionics cabinet, comprising:

a plurality of circuit integration modules for insertion into the avionics cabinet, wherein each circuit integration module includes at least one circuit board coupled between a faceplate and a connector assembly; and

said connector assembly is configured to integrate and allocate signals between said plurality of circuit integration modules.

22. (NEW) The avionics cabinet of claim 21, wherein said connector assembly is configured to integrate and allocate signals between said plurality of circuit integration modules and said avionics cabinet.

23. (NEW) A method for facilitating communication between a plurality of circuit integration modules, comprising the steps of:

configuring a plurality of circuit integration modules for insertion into the avionics cabinet, wherein each circuit integration module includes at least one circuit board coupled between a faceplate and a connector assembly; and

integrating and allocating signals between said plurality of circuit integration modules via said connector assembly.

24. (NEW) The method of claim 23, further comprising the step of integrating and allocating signals between said plurality of circuit integration modules and said avionics cabinet via said connector assembly.